

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |                      |                        |                |
|---|----------------------|------------------------|----------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 10/816,786             |                |
|   | Filing Date          | 4/2/2004               |                |
|   | First Named Inventor | Richard M. Ehrlich     |                |
|   | Art Unit             | 2651                   |                |
|   | Examiner Name        |                        |                |
| Total Number of Pages in This Submission  | 29                   | Attorney Docket Number | PANAP-01096US1 |

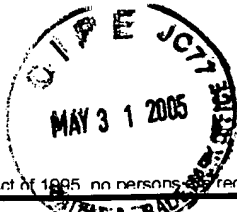
| ENCLOSURES (Check all that apply)   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance communication to Technology Center (TC)         |
| <input checked="" type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences      |
| <input type="checkbox"/> Amendment/Reply  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                                      | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                                      | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):          |
| <input type="checkbox"/> Express Abandonment Request                                    | <input type="checkbox"/> Terminal Disclaimer                              | Petition for Revival of an Appln. for Patent Abandoned Unintentionally (37 CFR 1.137(b)) |
| <input type="checkbox"/> Information Disclosure Statement                               | <input type="checkbox"/> Request for Refund                               |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                         | <input type="checkbox"/> CD, Number of CD(s) _____                        |  |
| <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application    | Remarks   |  |
| <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |  |                        |
|--|--|------------------------|
| Firm or Individual name                    | Sheldon R. Meyer<br>Fliesler Meyer LLP | Customer Number: 23910 |
| Signature                                  |  | Reg. No.: 27,660       |
| Date                                       | 5/27/05                                |                        |

| CERTIFICATE OF TRANSMISSION/MAILING   |                  |              |
|---|------------------|--------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Fax. No.: |                  |              |
| Typed or printed name   | Sheldon R. Meyer |              |
| Signature   |                  | Date 5/27/05 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JFW  
BEffective on 12/08/2004  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 2,670.00)

**Complete if Known**

|                      |                    |
|----------------------|--------------------|
| Application Number   | 10/816,786         |
| Filing Date          | 4/2/2004           |
| First Named Inventor | Richard M. Ehrlich |
| Examiner Name        | Not Yet Assigned   |
| Art Unit             | 2651               |
| Attorney Docket No.  | PANAP-01096US1     |

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: 06-1325 Deposit Account Name: 23910 - Fliesler Meyer LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   | 300.00         |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    | 500.00         |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    | 200.00         |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES**

| Fee Description   | Small Entity |          |
|---|--------------|----------|
|   | Fee (\$)     | Fee (\$) |
| Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent            | 50           | 25       |
| Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent | 200          | 100      |
| Multiple dependent claims   | 360          | 180      |

|              |              |          |               |
|--------------|--------------|----------|---------------|
| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
| 20           | 0            | 0.00     | 0.00          |

HP = highest number of total claims paid for, if greater than 20

|               |              |          |               |
|---------------|--------------|----------|---------------|
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
| 3             | 0            | 0.00     | 0.00          |

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

|              |              |  |          |               |
|--------------|--------------|--|----------|---------------|
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|              |              |  |          |               |

- 100 = / 50 = (round up to a whole number) x =

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: Missing Parts Surcharge; Petition fee; assignment recordal fee

Fees Paid (\$)

1,670.00

**SUBMITTED BY**

|                                    |  |                        |
|------------------------------------|--|------------------------|
| Signature                          | Registration No. (Attorney/Agent) 27.660 | Telephone 415.362.3800 |
| Name (Print/Type) Sheldon R. Meyer |  | Date 5/27/05           |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Attorney Docket No.: PANAP-01096US1 SRM/MLR  
SRM/PANAP/1096US1/fee-transmittal.pdf



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): RICHARD M. EHRLICH

Appl. No.: 10/816,786

Confirm. No.: 9949

Filed: April 2, 2004

Title: VARIABLE FREQUENCY CHEVRON IN  
PRINTED MEDIA REFERENCE PATTERN TO  
IMPROVE SERVO DEMODULATION

PATENT APPLICATION

Art Unit: 2651

Examiner: Unknown

Customer No. 23910

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on May 27, 2005.

\_\_\_\_\_  
(Attorney Signature)

Sheldon R. Meyer, Reg. No. 27,660

Signature Date: May 27, 2005

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice to File Missing Parts of Application -- Filing Date Granted, dated June 21, 2004, enclosed are the following documents in connection with the above-identified application:

- ✓ Copy of Notice to File Missing Parts -- Filing Date Granted
- ✓ Declaration for Patent Application
- ✓ Assignment and Assignment Recordation Form Cover Sheet
- ✓ Power of Attorney
- ✓ Petition for Revival of an Application for Patent Abandoned Unintentionally Under 37 CFR 1.137(b)
- ✓ Preliminary Amendment

### **Patent Application Filing Fee**

The patent application filing fee (if applicable) is calculated as shown below:

| For   | Number Filed   | Number Extra | Rate<br>Small Entity/Other Than<br>Small Entity |                        | Total      |
|---|----------------|--------------|---|------------------------|------------|
| BASIC FILING FEE<br>(37 CFR 1.16(a))  |                |              |   | \$150.00<br>\$300.00   | \$ 300.00  |
| SEARCH FEE  |                |              |   | \$250.00<br>\$500.00   | \$ 500.00  |
| EXAMINATION FEE   |                |              |   | \$100.00<br>\$200.00   | \$ 200.00  |
| TOTAL CLAIMS<br>(37 CFR 1.16(c))  | <u>20</u> - 20 | <u>0</u> *   | X<br>X  | \$ 25.00<br>\$ 50.00   | \$         |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(b))  | <u>3</u> - 3   | <u>0</u> *   | X<br>X  | \$ 100.00<br>\$ 200.00 | \$         |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS<br>(37 CFR 1.16(d))                     |                |              | +<br>+  | \$180.00<br>\$360.00   | \$         |
| UTILITY APPLICATION SIZE FEE<br>(For each additional 50 sheets that exceeds 100 sheets) |                |              | +<br>+  | \$125.00<br>\$250.00   | \$         |
|   |                |              |   | TOTAL                  | \$1,000.00 |

\*If the difference in column 1 is less than zero, enter "0" in column 2.

### **Total Fee**

The Total Fee associated with this communication has been calculated as shown below:

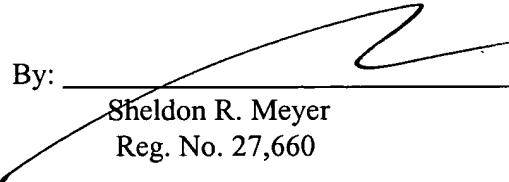
|                                     |   |                  |
|-------------------------------------|---|------------------|
| <input checked="" type="checkbox"/> | Patent application filing fee   | \$1,000.00       |
| <input type="checkbox"/>            | Net fee for extension of time   | \$               |
| <input checked="" type="checkbox"/> | Assignment recording fee (\$40.00)  | \$ 40.00         |
| <input checked="" type="checkbox"/> | Surcharge under 37 C.F.R. §1.16(e) for<br>late filing of filing fee or Declaration: |                  |
| <input checked="" type="checkbox"/> | Large Entity \$130.00   | \$ 130.00        |
| <input type="checkbox"/>            | Small Entity \$ 65.00   | \$               |
| TOTAL FEE DUE:                      |   | <hr/> \$1,170.00 |

**Method of Payment of Fees**

- ✓ A check, which includes the amount of the \$1,170.00, is enclosed.
- ✓ The Commissioner is hereby authorized to charge any deficiencies or credit overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

Date: 5/27/05

By:   
Sheldon R. Meyer  
Reg. No. 27,660

Customer No. 23910  
FLIESLER MEYER LLP  
Four Embarcadero Center, Fourth Floor  
San Francisco, California 94111-4156  
Telephone (415) 362-3800



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/816,786         | 04/02/2004             | Richard M. Ehrlich    | PANA-01096US1          |

23910  
 FLIESLER MEYER, LLP  
 FOUR EMBARCADERO CENTER  
 SUITE 400  
 SAN FRANCISCO, CA 94111

CONFIRMATION NO. 9949

## FORMALITIES LETTER



\*OC000000013002873\*

Date Mailed: 06/21/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$1620 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$2520** for a Large Entity

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.

06/01/2005 MAHNE1 00000066 10816786

01 FC:1001 790.00 DP  
 02 FC:1051 130.00 DP

Repln. Ref: 06/01/2005 MAHNE1 0021513600  
 DAH:061325 Name/Number:10816786

\$210.00 CR

FC: 9204

- Total additional claim fee(s) for this application is **\$1620**
  - **\$774** for **9** independent claims over 3.
  - **\$846** for **47** total claims over 20.

Replies should be mailed to:    Mail Stop Missing Parts  
   Commissioner for Patents  
   P.O. Box 1450  
   Alexandria VA 22313-1450

---

*A copy of this notice **MUST** be returned with the reply.*

N. mohammed  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE